

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	857	(492/4-7).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/26 13:15
L3	1100	(492/16-20).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/26 13:15
L4	1769	L3 or L2	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 13:15
L5	1769	L4	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 13:15
L6	173	I4 and (gauge or sensor)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 13:15
L7	65	I4 and (gauge or sensor) and valve	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 13:15
L8	48	I4 and (sensor) and valve	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 13:16
S1	50	((("5177867") or ("5345300") or ("5462602") or ("4801155") or ("4853255") or ("5571574") or ("4343234") or ("4372205") or ("4768050") or ("4768434") or ("5813960") or ("5927449") or ("6016679") or ("4264400") or ("4490418") or ("4550887") or ("4599289") or ("4783683") or ("4787529") or ("4791863") or ("4798134") or ("4865058") or ("4867054") or ("4931142") or ("4952968") or ("4993447") or ("5016662") or ("5203036") or ("5215797") or ("5226357") or ("5328436") or ("5343801") or ("5444732") or	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/03 13:16

		("5524019") or ("5528273") or ("5528278") or ("5545295") or ("5566693") or ("5628717") or ("5738744") or ("5765625") or ("5904961") or ("5967958") or ("5984429") or ("6000101") or ("6027613") or ("6050319") or ("6071361") or ("6167583") or ("6168682")).PN.				
S2	102	(492/2.).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/03 13:16
S3	241	(492/4.).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/03 13:16
S4	116	(492/5.).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/03 13:16
S5	84	(492/6.).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/03 13:16
S6	483	(492/7.).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/03 13:16
S7	42	(492/9.).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/03 13:16
S8	51	(492/10.).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/03 13:16
S9	35	(492/11).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/03 13:17
S10	265	(492/20).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/03 13:17
S11	1081	S2 or S3 or S4 or S5 or S6 or S7 or S8 or S9 or S10	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 13:18
S12	1913731	pressure and (fluid or liquid)	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 13:57
S13	578	S11 and S12	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 13:58
S14	140	S11 and S12 AND (leak or leakage or leak\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 14:22
S15	1	("6344019").URPN.	USPAT	AND	ON	2010/03/03 14:28
S16	13	("1978218"   "4709629"   "4856154"   "4991499"   "4995147"   "5061087"   "5119542"   "5140731"   "5158030"   "5174002"   "5382096"   "5771694"). PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 14:29

S17	9	("3512475"   "4091517"   "4328744"   "4514887"   "4553296"   "4598448"   "4726691"   "Re32586").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 15:18
S18	13	("5081759").URPN.	USPAT	AND	ON	2010/03/03 15:18
S19	2	((("4598448") or ("4514887"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/03 15:22
S20	92	float\$3 and S11	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 15:33
S21	0	uk-2112086-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/03 16:06
S22	0	uk-02112086-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/03 16:06
S24	1	("5730692").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/03 16:09
S25	1	de-4318035-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/03 16:09
S26	10	"5487715"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/03/03 16:12
S27	1	("5487715").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/03 16:12
S28	13	("3196520"   "3512475"   "4091517"   "4328744"   "4514887"   "4553296"   "4598448"   "4805279"   "4848119"   "5081759"   "5338279").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 16:12
S29	8	("5487715").URPN.	USPAT	AND	ON	2010/03/03 16:14
S30	810	(tube or tubing or hose) near3 (internal near2 support)	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:14
S31	549	((tube or tubing or hose) near3 (internal near2 support)) and pressure	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:14

S32	1	((tube or tubing or hose) near3 (internal near2 support)) and pressure and S11	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:14
S33	270	((tube or tubing or hose) near3 (internal near2 support)) and pressure and (coil or helix or helical or spring)	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:15
S34	2	((tube or tubing or hose) near3 (internal near2 support)) and pressure and (coil or helix or helical or spring) and "492".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:16
S35	2	((tube or tubing or hose) near3 (internal near2 support)) and pressure and "492".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:17
S36	8	((tube or tubing or hose) near13 (internal near12 support)) and pressure and "492".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:18
S37	8	((tube or tubing or hose) near13 ((internal near12 support) or (ridgid near12 core))) and pressure and "492".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:20
S38	22	(pressure near3 hose) and "492".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:22
S39	4	(pressure near10 hose) and "492".clas. and compress	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:25
S40	22	(pressure near10 hose) and "492".clas. and compress\$4	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:25
S41	1	uncrushable near3 hose	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:33
S42	0	reinforced near 3flexible near3 tube	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:33
S43	286	reinforced near3 flexible near3 tube	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:33
S44	0	(reinforced near3 flexible near3 (tube or hose)) and "492".clas.	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:34
S45	833	(reinforced near3 flexible near3 (tube or hose))	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:34
S46	43	(reinforced near3 expand \$4 near3 (tube or hose))	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:35
S47	90	(reinforc\$4 near3 expand \$4 near3 (tube or hose))	US-PGPUB; USPAT; USOCR	AND	ON	2010/03/03 18:36
S48	2	("2396059").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/03 18:38

S49	9	("3512475"   "4091517"   "4328744"   "4514887"   "4553296"   "4598448"   "4726691"   "Re32586").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/08/02 15:24
S50	13	("5081759").URPN.	USPAT	AND	ON	2010/08/02 15:25
S51	10	"5730692"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/08/02 15:30
S52	0	("2007/0060456").URPN.	USPAT	AND	ON	2010/12/03 13:53
S53	9	("3512475"   "4091517"   "4328744"   "4514887"   "4553296"   "4598448"   "4726691"   "Re32586").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/12/03 13:54
S54	13	("5081759").URPN.	USPAT	AND	ON	2010/12/03 13:55
S55	5394	(vibrat\$3 or vibration or damping or dampening) and (hose or conduit) and roll and pressure	USPAT	AND	ON	2010/12/03 13:57
S56	7	("4188698").URPN.	USPAT	AND	ON	2010/12/03 14:05
S57	5	("3146160"   "3196520"   "3932074").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/12/03 14:06
S58	1	("5730692").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/03 14:10
S59	5	("3512475"   "4858292"   "5081759"   "5487715").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/12/03 14:10
S60	4	("5730692").URPN.	USPAT	AND	ON	2010/12/03 14:11
S61	4	("5730692").URPN.	USPAT	AND	ON	2010/12/03 14:12
S62	35	("1733378"   "3179047"   "3516135"   "4414890"   "4691421"   "4739702"   "4757584"   "4837907"   "4856154"   "4891874"   "4910842"   "5081759"   "5329847"   "5370177"   "5397290"   "5487715"   "5730692"   "5763859"   "6174275"   "6278094"   "6299571"   "6302834"   "6309333"   "6361483"   "6698341"   "6773383"   "6911117"   "7018512")	US-PGPUB; USPAT; USOCR	AND	ON	2010/12/03 14:12

		"7169101"   "7174949"   "7258654"   "RE32586"). PN.				
S63	9	("3512475"   "4091517"   "4328744"   "4514887"   "4553296"   "4598448"   "4726691"   "Re32586"). PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/12/03 14:16
S64	695	(100/170).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/03 14:24
S65	2550	(100/161-170).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/12/03 14:24
S66	239	S65 and (hose or conduit)	US-PGPUB; USPAT; USOCR	AND	ON	2010/12/03 14:24
S67	13	("3023695").URPN.	USPAT	AND	ON	2010/12/03 14:28
S68	116	(S65 not (hose or conduit)) and (vibration or vibrate or vibrating or damp\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2010/12/03 14:50
S69	2195	(S65 not (hose or conduit)) not (vibration or vibrate or vibrating or damp\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2010/12/03 14:59
S70	719	(S65 not (hose or conduit)) not (vibration or vibrate or vibrating or damp\$3) and pressure	US-PGPUB; USPAT; USOCR	AND	ON	2010/12/03 14:59
S71	173	(S65 not (hose or conduit)) not (vibration or vibrate or vibrating or damp\$3) and seal\$3	US-PGPUB; USPAT; USOCR	AND	ON	2010/12/03 15:00
S72	10	("3196520").URPN.	USPAT	AND	ON	2010/12/03 15:02
S73	2022	(S65 not (hose or conduit)) not (vibration or vibrate or vibrating or damp\$3) not seal\$3	US-PGPUB; USPAT; USOCR	AND	ON	2010/12/03 15:20
S74	558	(S65 not (hose or conduit)) not (vibration or vibrate or vibrating or damp\$3) not seal\$3 and pressure	US-PGPUB; USPAT; USOCR	AND	ON	2010/12/03 15:20
S75	5	("3512475"   "4858292"   "5081759"   "5487715"). PN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/25 15:12
S76	4	("5730692").URPN.	USPAT	AND	ON	2011/01/25 15:15
S77	198	(492/5-6).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/25 15:17
S78	5	S77 and air and hose	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/25 16:10
S79	8	("3470948").URPN.	USPAT	AND	ON	2011/01/25 16:16

S80	10	("3043211"   "3119324"   "3250211"   "3276102"   "3430319"   "R026219").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/25 16:20
S81	16	("3638292").URPN.	USPAT	AND	ON	2011/01/25 16:21
S82	1	("5730692").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/25 16:31
S83	0	ep-0330657-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/01/25 16:33
S84	1	ep-330657-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/01/25 16:33
S85	1	de-3802234-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2011/01/25 16:36
S86	2	("3276102").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/25 16:37
S87	20	("1799775"   "2908964"   "3023695"   "3037557"   "3119324"   "3146160"   "3196520"   "3276102"   "3286325"   "3290897").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/25 16:56
S88	10	("3196520").URPN.	USPAT	AND	ON	2011/01/25 16:57
S89	1	S77 and hose and (valve near3 way)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/25 17:25
S90	4	S77 and hose and (valve)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/25 17:25
S91	198	(492/5-6).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/26 10:02
S92	8	S91 and hose and (fluid)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 10:02
S93	629	(492/5-7).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/26 10:03
S94	32	S93 and hose and (fluid)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 10:03
S95	18	S93 and hose and liquid	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 10:10
S96	32	S93 and hose and (fluid)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 10:12

S97	95	S93 and seal and liquid	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 10:14
S98	23	S93 and (vibration or vibrational or vibrating or vibrated) and liquid	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 10:14
S99	62	S93 and (vibration or vibrational or vibrating or vibrated) and (liquid or fluid)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 10:15
S100	79	S93 and (vibration or vibrational or vibrating or vibrated or damp\$4) and (liquid or fluid)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 10:15
S101	28	S93 and (vibration or vibrational or vibrating or vibrated or damp\$4) and (liquid)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 10:25
S102	857	(492/4-7).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/26 10:30
S103	31	S102 and (vibration or vibrational or vibrating or vibrated or damp\$4) and (liquid)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 10:30
S104	9	("3512475"   "4091517"   "4328744"   "4514887"   "4553296"   "4598448"   "4726691"   "Re32586").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 10:32
S105	13	("5081759").URPN.	USPAT	AND	ON	2011/01/26 10:33
S106	14	S102 and (liquid near3 air)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 10:37
S107	1100	(492/16-20).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/26 10:47
S108	188	S107 and S102	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 10:47
S109	1769	S107 or S102	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 10:47
S110	117	S109 and (vibration or vibrational or vibrating or vibrated or damp\$4) and (liquid or fluid)	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 10:47
S111	13	S109 and (vibration or vibrational or vibrating or vibrated or damp\$4) and (liquid or fluid) and hose	US-PGPUB; USPAT; USOCR	AND	ON	2011/01/26 10:47
S112	2	("3046637").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/01/26 11:09

**EAST Search History (Interference)**

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**1/ 26/ 2011 2:01:11 PM**

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